

## Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

*This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.*

Call Date: 11/3/2020

### Water Supplier

---

|                        |  |
|------------------------|--|
| Supplier Name:         | Padre Dam Municipal Water District           |
| Supplier Participants: | Melissa McChesney, Jimmy Vargas, Paul Clarke |

### Key Audit Metrics

---

|   |      |                  |
|---|------|------------------|
| Data Validity Score:                                      | 74   |                  |
| ILI:  | 0.4  |                  |
| Real Loss:  | 9.8  | gal / conn / day |
| Apparent Loss:  | 6.9  | gal / conn / day |
| Non-Revenue Water as Percent of Cost of Operating System: | 4.1% |                  |

### Validator

---

|                           |  |
|---------------------------|--|
| Validator:                | Kate Gasner,<br>Water Systems Optimization                                   |
| Validator Qualifications: | Water Audit Validator Certificate from<br>the AWWA California Nevada Section |

### Certification Statement by Validator

---

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

## Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

*This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.*

Water Supplier Name: Padre Dam Municipal Water District

Water Supplier Public Water System ID: CA 3710037

Water Audit Period: July 1, 2019 – June 30, 2020

### Water Audit & Water Loss Improvement Steps

*Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.*

- Continuing with a complete meter replacement program - 4,051 meters replaced during the FY 2020 year
- Completed large meter testing

### Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): Allen Carlisle

Executive Position: CEO/General Manager

Signature:



Date: December 17, 2020

# Padre Dam Municipal Water District - FY19-20 Validation Certificate

Final Audit Report

2020-12-17

|                 |  |
|-----------------|--|
| Created:        | 2020-12-17                                   |
| By:             | Melissa McChesney (MMCchesney@padre.org)     |
| Status:         | Signed                                       |
| Transaction ID: | CBJCHBCAABAAwvltNA0oPELNKJoOs9urAhpjS7PdAd28 |

## "Padre Dam Municipal Water District - FY19-20 Validation Certificate" History

 Document created by Melissa McChesney (MMCchesney@padre.org)

2020-12-17 - 10:25:08 PM GMT- IP address: 70.95.205.139

 Document emailed to Allen Carlisle (acarlisle@padre.org) for signature

2020-12-17 - 10:26:18 PM GMT

 Email viewed by Allen Carlisle (acarlisle@padre.org)

2020-12-17 - 10:43:44 PM GMT- IP address: 72.199.142.125

 Document e-signed by Allen Carlisle (acarlisle@padre.org)

Signature Date: 2020-12-17 - 10:44:23 PM GMT - Time Source: server- IP address: 72.199.142.125

 Agreement completed.

2020-12-17 - 10:44:23 PM GMT